

AMENDMENTS TO THE SPECIFICATION
IN THE SPECIFICATION

Please add the following NEW paragraph before the paragraph beginning on page 35, line 3:

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the office upon request and payment of the necessary fee.

On page 79, line 3, please replace the original paragraph with the following amended paragraph:

-- [0153] The vector region primers used in PCR1 and PCR3 respectively had the following sequences:

5'-CTGAAGGCGGGAAACGACAATCTG-3'; (SEQ ID NO: 139) and

5'-AACTGCACTTCAAACAAAGTGTGAC-3'.(SEQ ID NO: 140) --

On page 79, line 7, please replace the original paragraph with the following amended paragraph:

--[0154] The genomic DNA fragment specific primers used in PCR1 had the following sequences:

AS4 : 5' - GATTCCGACCTCTACACGAACAAAC - 3' (SEQ ID NO: 141)

AS8 : 5' - AGAAACCCTAGCCGTCACTTCCCT - 3' (SEQ ID NO: 142)

AS19 : 5' - TCAAGTCATTCACAAAGTCGGAC - 3' (SEQ ID NO: 143)

AS20 : 5' - GCTTAGAGGTGAAAATGGTAACGG - 3' (SEQ ID NO: 144)

AS22 : 5' - TTCTGTCCTTGTTCGATTGTCAG - 3' (SEQ ID NO: 145)

AS27 : 5' - CCGGATTCACCGTGGTACGAAAGG - 3' (SEQ ID NO: 146)

AS28 : 5' - TTCCAATTACCAGACACTAAAGCG - 3' (SEQ ID NO: 147)

AS30 : 5' - TGGCACCAGACTGCCCTCCAATG - 3' (SEQ ID NO: 148)--

On page 79, line 18, please replace the original paragraph with the following amended paragraph:

--[0155] The genomic DNA fragment specific primers used in PCR3 had the following sequences:

AS4 : 5' - GTACGGCCTGGGTCACTCACTGTC - 3' (SEQ ID NO: 149)

AS8 : 5' - TCATCATCCTGTTATCTAGACTCC - 3' (SEQ ID NO: 150)

AS19 : 5' - TACTTATTCCGTGAGTCGGAAGCG - 3' (SEQ ID NO: 151)

AS20 : 5' - TCCAGTGTATGATGTTGGGCTG - 3' (SEQ ID NO: 152)

AS22 : 5' - AACTCATTTAACCCAGTTGC - 3' (SEQ ID NO: 153)

AS27 : 5' - TAACGCCATAAACAAAGTGTCACTC - 3' (SEQ ID NO: 154)

AS28 : 5' - GAACTGTGAAACTGCGAATGGCTC - 3' (SEQ ID NO: 155)

AS30 : 5' - AAATCCACACGACTCTCGGCAACG - 3' (SEQ ID NO: 156)--

On page 80, line 1, please replace the original paragraph with the following amended paragraph:

--[0156] The genomic DNA fragments AS4, AS8 and AS22 were also subjected to PCR to verify the presence of central portions of fragment (as indicated by PCR2 in Fig. 8). The primers used in PCR2 had the following sequences:

AS4: 5'-TGGGCTCCAGCAGAAACGAACCT-3' (SEQ ID NO: 157) and

5'-CTTATATTAGGAACGGAGTGAGT-3' (SEQ ID NO: 158)

AS8: 5'-AAGCGAACGGCACCCCTCACAT-3' (SEQ ID NO: 159) and

5'-ACGAGGAGCCGACAAGGAGAC-3' (SEQ ID NO: 160)

AS22: 5'-TGAAATACCACTCATGAACCTCCG-3' (SEQ ID NO: 161) and

5'-ATTATCTGTTGTCCGAAATGTG-3'. (SEQ ID NO: 162)--